

## I. HEADING

Date:

From: Sam Borries, OSC, U. S. EPA, Region V, EERB RS II

To : D. Dietrich-ATTN: T. Johnson, OSWER, Wash. D.C. .... FAX (703) 603-9107  
..... FAX (703) 603-9107  
R. Karl, Branch Chief, EERB, Chicago, IL ..... BY FAX  
D. Bruce, Chief RS-II, EERB, Chicago, IL ..... BY FAX  
B. Messenger, Section Chief, ESS, Chicago, IL... BY FAX  
S. Pastor, OPA, Chicago, IL ..... FAX (312) 353-1155  
T. Martin, ORC, 29-MA, Chicago, IL .. FAX (312) 886-0747  
M. Martin, USEPA-Gateway, Chicago, IL FAX (312) 353-5541  
J. Gore, RPM, USEPA, Chicago, IL .... FAX (312) 886-4071  
P. Takacs, IEPA, Springfield, IL .... FAX (217) 782-3258  
K. Mensing, IEPA, Collinsville, IL .. FAX (618) 346-5155  
D. Henne, DOI, Philadelphia, PA ..... FAX (215) 597-9845  
U.S. Fish & Wildlife, IL ..... FAX (309) 793-5804  
P. Sauget, Mayor, City of Sauget, IL... FAX 337-5808

Subject: Pollution Report For CERCLA Time-Critical Removal  
Action at Sauget & Company Landfill, Site G, Sauget,  
St. Clair County, Illinois.

POLREP #: 11

## II. BACKGROUND

Site No.: 4U  
Delivery Order No.: 5801-05-368  
Response Authority: CERCLA  
CERCLA Incident Category: Time-Critical Removal  
CERCLIS ID #: ILD 981 953 623  
NPL Status : No  
Start Date: March 20, 1995  
Latitude: North 38o35'21"  
Longitude: West 90o10'23"

## III. RESPONSE INFORMATION

## A. Initial Situation:

Please refer to POLREP No. 1 dated March 23, 1995

## B. Actions Taken:

The following actions were accomplished during the period  
of June 9 - 16, 1995)

- \* Heavy rain during the weekend break resulted in the  
surface water level raising 6 inches to a depth of six

feet. The total amount of surface water at the site is estimated to be over 3 million gallons.

- \* ERCS contractor completed solidification of oil pit No. OP-1.
- \* Analytical results of a water sample collected from the surface water indicated the presence of 2-nitroaniline @ 180 ppb, acetone @ 120 ppb, 2,4-dichlorophenol @ 20 ppb, 2,4-dinitroaniline @ 13 ppb, and iron @ 2.15 ppb (unfiltered sample). Arrangements for water treatment prior to discharge is on-going.
- \* ERCS contractor is researching the possibility of disposing of the surface water at a water treatment facility (i.e. American Bottoms). Additionally, evaluation of an on-site treatment system such as activated carbon units is also being pursued. Once all necessary information is available a decision will be made on the best alternative. Factors to consider will include efficiency removal rates, cost, time, etc...
- \* The OSC is investigating the advantages of installing a barrier wall (clay wall) along the east fence line. The wall, if constructed, will be approximately 5 x 150 feet and extend below the ground water table (a depth of approx. 10 feet). The wall will be installed next to the former oil pits located at the northeast corner of the site. The barrier wall construction is intended to prevent/slow free-phase oil that is/may be floating on the water table from migrating off-site into adjacent Dead Creek.
- \* On June 13, 1995 representatives from Explorer Pipeline Company visited the site. Explorer's reps. defined the location of a 14-inch pipeline that passes through the site fenced area. The pipeline is being used intermittently to transfer finished hydrocarbon products such as gasoline, and diesel fuel. The pipeline is at depths ranging from 30 to 40 inches below ground level and runs 5 feet west of the east-fence line. Explorer's reps. requested they be present to monitor excavations if they occur within 10 feet of the pipeline.
- \* ERCS contractor excavated and prepared the area along Queeny Ave. for placement of the site soil cover. ERCS began installing a soil cover over this area on June 16, 1995.

#### C. Enforcement

None

#### IV. NEXT STEPS

- A. Continue slope rectification of the site area in preparation for soil cover.
- B. Collect ambient air samples, if necessary, to evaluate off-site migration of contaminants and pollutants that may be triggered by on-site activities (not expected if site remains wet).
- C. Remove (pump and treat) surface water from southern half of site fenced area and complete excavation/consolidation of site soils.
- D. Place a soil cover over the site area.

## V. KEY ISSUES

None

## VI. Costs to date

	<u>AMOUNT BUDGETED</u>	<u>AMOUNT USED</u>	<u>AMOUNT REMAINING</u>
US EPA (Direct & Indirect)	\$ 100,000.00	\$ 59,171.00	\$ 40,829.00
TAT*	\$ 80,000.00	\$ 57,268.20	\$ 22,731.80
ERCS**	\$ 500,000.00	\$218,771.34	\$281,228.66
<b>TOTAL</b>	<b>\$ 664,000.00</b>	<b>\$335,210.54</b>	<b>\$352,789.46</b>

\* TAT TDP ceiling was amended to \$80,000.00  
on 6/13/95.

\*\* ERCS cost as of 6/16/95